TRUEFORT®

TrueFort® Platform: Securing Manufacturing Operations

Cybersecurityin Manufacturing: Critical for Smooth Production

Manufacturing Digitalization and Cybersecurity Challenges

The manufacturing industry is undergoing rapid digital transformation and faces unique cybersecurity challenges. From industrial to automotive and pharmaceuticals to chemical manufacturing, the digitization of these industries brings both growth and heightened risks from cyber threats. With the fourth-highest rate of cyberattacks across all industries, the proliferation of OT devices, and the average cost of data breaches rising, manufacturing firms are increasingly vulnerable to ransomware, data theft, and extortion.

Addressing Manufacturing Industry Challenges

▶ **Intellectual Property Protection:** The TrueFort Platform secures sensitive data, including product designs and manufacturing processes, against insider threats and external breaches. It offers clear visibility and quick action to prevent security incidents.

▶ **Preventing Downtime:** Understanding the manufacturing sector's low tolerance for outages, TrueFort minimizes the impact of cyberattacks on operations. Its unique microsegmentation capability can terminate processes before they cause further damage, effectively reducing the extent of ransomware attacks.

▶ **Ensuring Regulatory Compliance:** TrueFort assists manufacturers in adhering to standards like NIST and NERC CIP. With features like asset identification, behavioral analytics, file integrity monitoring, and microsegmentation, it ensures sensitive data is securely managed for regulatory compliance.

▶ In 2023, the average cost of a data breach in the industrial sector was over **$4.73 million** USD. (Statistica)

▶ IoT malware has grown by **87%** compared to the previous year, reaching **112.3 million** cases. (Techopedia)

▶ **48%** of security breaches occurred at the application layer, making it the most commonly identified attack vector. (Forrester)

▶ In the past year, **76%** of organizations experienced a security incident due to a lack of proper application visibility. (Cisco)

"We need to get this installed everywhere - right away!""

Cybersecurity lead for a national energy co.

▶ **Third-Party Risk Management:** TrueFort mitigates risks associated with third-party vendors and suppliers by continuously monitoring application interactions and workload behaviors.

▶ **Support for Legacy Systems:** TrueFort's platform is compatible with legacy operating systems, offering crucial visibility and control, essential for manufacturing environments relying on older systems.

A Unique Approach for Manufacturing Cybersecurity

▶ **Agent Flexibility:** Compatible with existing EDR agents, like CrowdStrike and SentinelOne, TrueFort simplifies deployment in complex manufacturing environments.

▶ **Process Termination:** Unique ability to terminate malicious processes, providing an edge in dynamic, targeted environments.

▶ **CIS Benchmarking:** Ensuring continuous protection against misconfigurations, crucial for secure and compliant operations.

▶ **Advanced Behavior Analytics:** Machine learning-driven analytics offer deep insights into normal operations, supporting informed security decisions.

▶ **Service Account Protection:** Integrating service account protection into a comprehensive framework that includes granular segmentation, zero trust principles, and protection against insider threats and lateral movement.

▶ **Comprehensive Reporting:** Essential for large-scale operations, TrueFort offers detailed enterprise-level reporting for security, compliance, and business continuity.

CONCLUSION:

TrueFort approach to industrial sector cybersecurity is multifaceted, addressing the sector's unique challenges and evolving needs. From safeguarding intellectual property and devices to ensuring operational continuity and compliance, TrueFort offers a comprehensive solution that is adaptable, forward-thinking, and aligned with the specific demands of modern manufacturing.

"I've never seen the noise of a cloud environment so clearly translated."

Cloud Network Engineer at a leading manufacturing organization.

ABOUT TRUEFORT

TrueFort® Platform puts you in control of lateral movement across the data center and cloud, protecting service accounts and against zero-day threats. The TrueFort Cloud extends protection beyond network activity by shutting down the abuse of service accounts. Founded by former IT executives from Bank of America and Goldman Sachs, leading global enterprises trust TrueFort to deliver unmatched application environment discovery and microsegmentation for accounts and activity.

For more information, visit truefort.com and follow us on **Twitter** and **LinkedIn.**

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